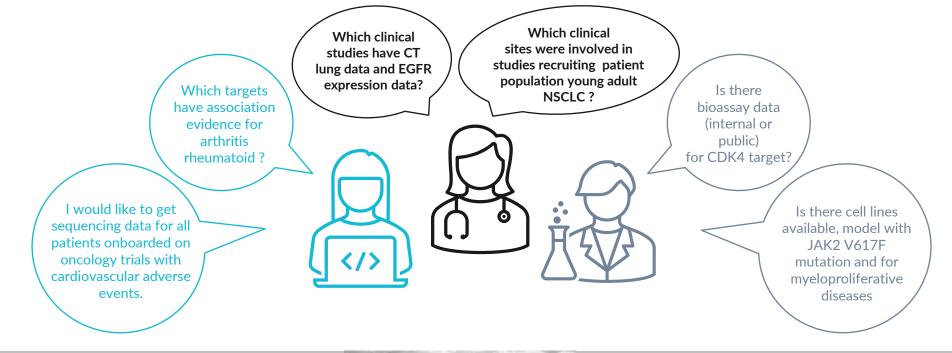
Life Sciences knowledge platform enabling data-driven decisions

Berenice Wulbrecht

The Knowledge Graph Conference 2022 HealthCare and Life Sciences Symposiym







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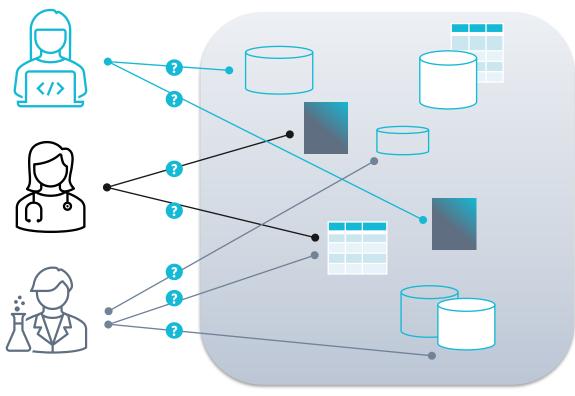


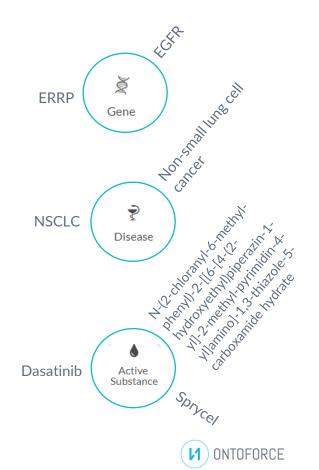
Researchers are spending on average one day per week searching and gathering information.

Data scientists spend around 80% of their time on preparing and managing data for analysis.

Insights for Life Sciences

Data are siloed and not harmonized



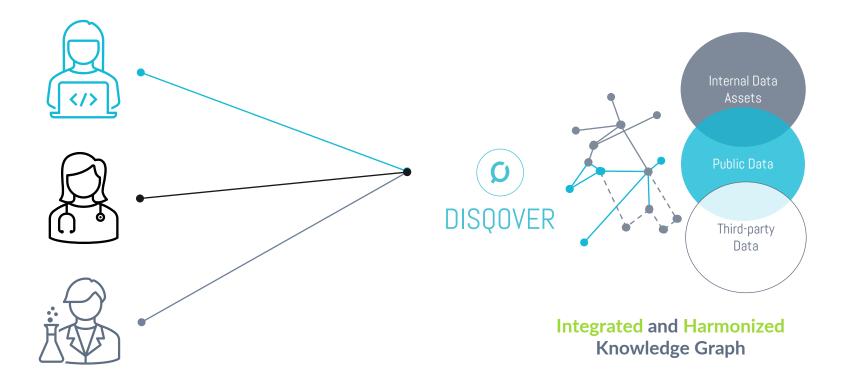


Knowledge Graph are excellent to support reasoning.

Flexible

Users and advanced analytics, Al

Insights for Life Sciences





Example of Knowledge Graphs applications

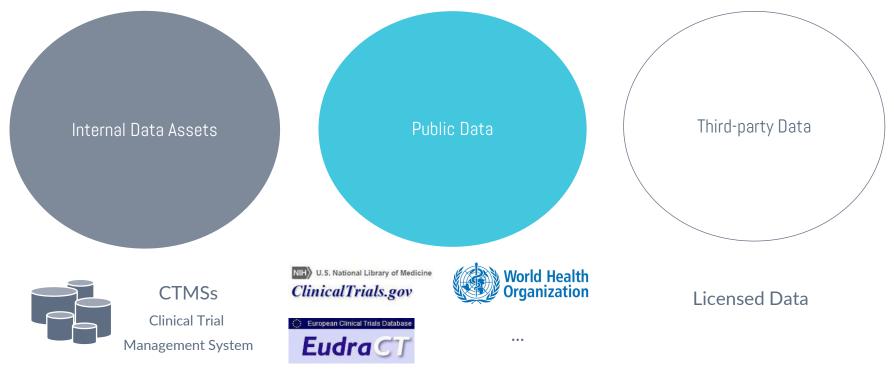




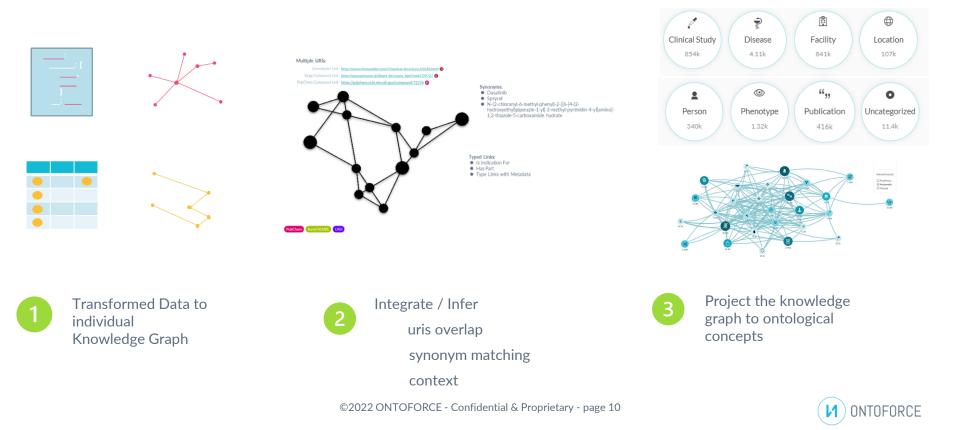
Example of Knowledge Graphs applications











What goes in the Knowledge Graph? Ontologies, MetaData, DATA

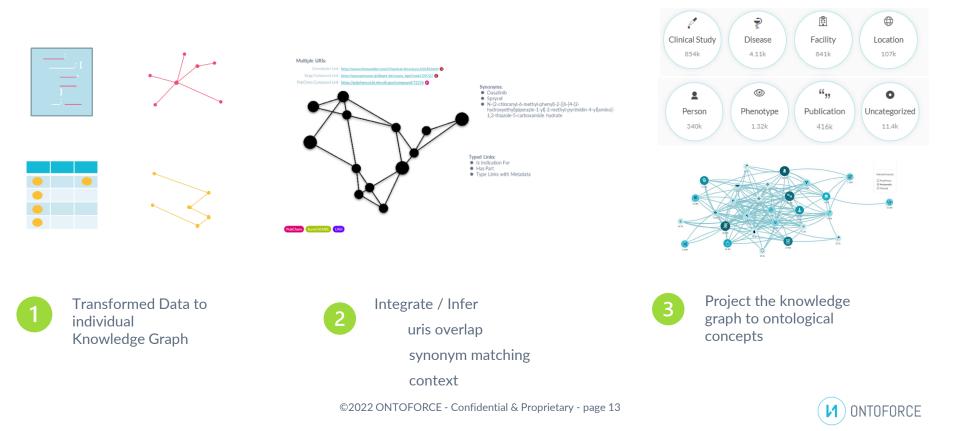
Systems Interoperability in Data Ecosystem

FAIR Journey





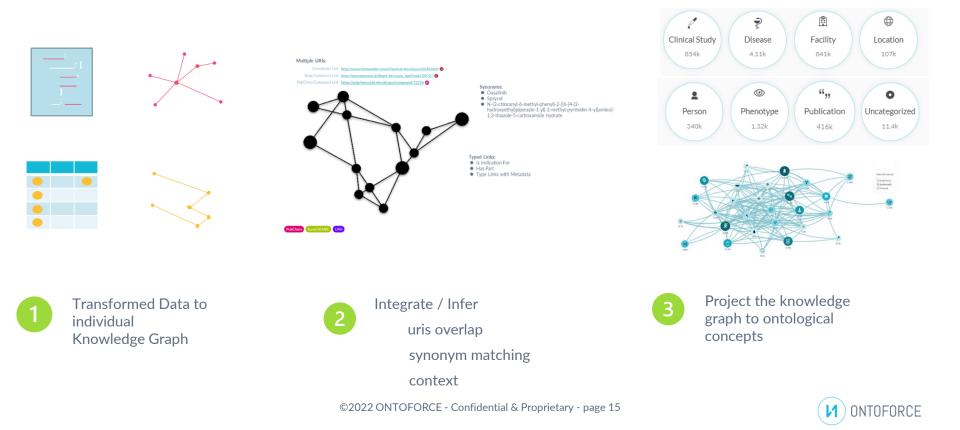


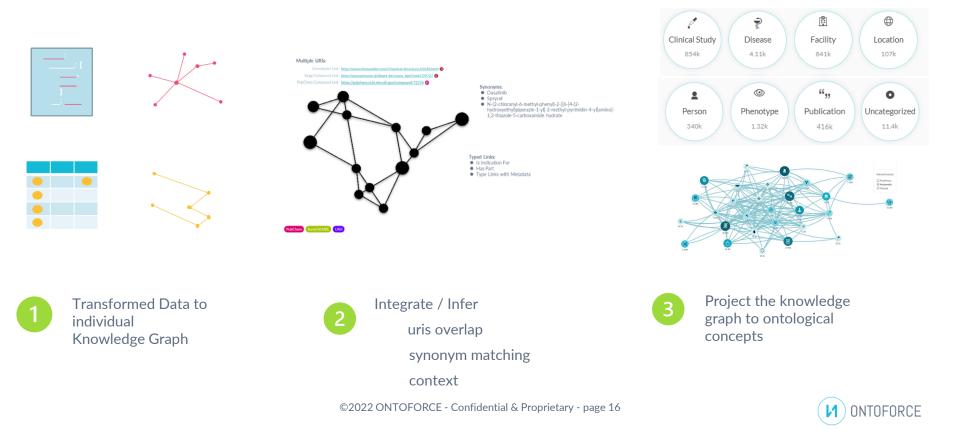


Data Standards









(😣 Details Clinical Study 🗸 🛱
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	676k 676k		O 14	Data sources C Clinical Trials.gov Exeract ONTOPORCE WHO: International Clinical Trials Registry Platform
•	Status	Registered Country		Synonym A Phase IV, Multi-Center, Controlled, Open-label Study to Evaluate the Safety,
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	339k Completed	409k United States	~	Months of Age 3 A Phase IV, Multi-Center, Controlled, Open-label Study to Evaluate the Safety,Tolerability and Immunogenicity of Chiron Meningococcal C Conjugate
	155k Recruiting	41.8k China	~	VaccineMenjugate® when Given as First, Third or Fourth Immunization to Children 32 to 40Months of Age - N/A 🥸 2004-005150-31 😮
	26.9k Terminated 🗠	41.5k Japan	n.	EUCTR2004-005150-31 🖤 EUCTR2004-005150-31-DE 😉 🆤
	25.6k Pending	37.7k India	n	M14P1E1 Trial A Phase IV, Multi-Center, Controlled, Open-label Study to Evaluate the Safety,
	Filter 10 values <1/3 >	Filter 85 values	<1/18 ► Facility Coordinates	Tolerability and Immunogenicity of Chiron Meningsococcal C Conjugate Vaccine MeniugateS when Given as First. Third or Fourth Immunization to Children 32 to 40 Months of Age Status: Completed O External Link https://www.clinicaltrialsregister.eu/ctr-search/trial/2004-005150-31/DE/ O https://www.clinicaltrialsregister.eu/ctr-search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search/search
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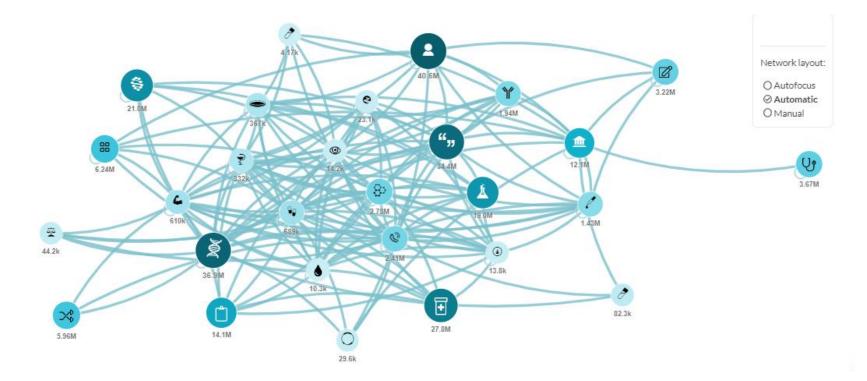
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Export

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Next Step and next step..





Example of Knowledge Graphs applications





Thanks

